

**BUREAU OF LAND MANAGEMENT
 ROSWELL FIELD OFFICE
 DNA - NM-510-2008-105
 GRID IRON BLI FED COM #1H**

Resources	Not Present on Site	No Impacts	May Be Impacts	Mitigation Included	BLM Reviewer	Date
Air Quality			√	√	SWA Spec/Hydrologist /s/ Mike McGee	6/5/08
Soil			√	√		
Watershed Hydrology			√	√		
Floodplains	√					
Water Quality - Surface			√	√		
Water Quality - Ground			√	√	Geologist/Hydrologist /s/ Jerry Dutchover	6/05/08
Cultural Resources	X				Archaeologist /s/Rebecca L. Hill 08-068A, 03-064A	4Jun08
Native American Religious Concerns	X					
Paleontology	X					
Areas of Critical Environmental Concern	X				Plan & Environ. Coord. /s/J H Parman	6/3/08
Farmlands, Prime or Unique	x				Realty /s/ sanderford	6/11/08
Rights-of-Way		x				
Invasive, Non-native Species			X	X	Range Mgmt. Spec. <i>Joseph M. Navarro</i>	6/2/08
Vegetation			X	X		
Livestock Grazing			X	X		
Wastes, Hazardous or Solid		X			Nat. Resource Spec. /s/ Brian Novosak	6/11/08
Threatened or Endangered Species	x				Biologist /s/ D Baggao	6/5/08
Special Status Species	x					
Wildlife			x	x		
Wetlands/Riparian Zones	x					
Wild and Scenic Rivers					Outdoor Rec. Planer /s/Bill Murry	6/3/08
Wilderness	X					
Recreation		X				
Visual Resources			X			
Cave/Karst			X			
Environmental Justice		X			Nat. Resource Spec. /s/ Brian Novosak	6/11/08
Public Health and Safety		X				
Solid Mineral Resources		√			Geologist /s/ Jerry Dutchover	6/04/08
Fluid Mineral Resources		√			Geologist /s/ Jerry Dutchover	6/5/08

**U.S. Department of the Interior
Bureau of Land Management
Pecos District
Roswell Field Office**

**Documentation of Land Use Plan Compliance
and NEPA Adequacy (DNA)
DNA-510-2008-105**

A. Roswell Field Office

Lease/Serial/Case File No.: NM-101579

Proposed Action Title/Type: Grid Iron BLI Federal Com. #1H /Application for Permit to Drill

Location of Proposed Action: Unit Letter I, 1980' FSL & 230' FEL, Section 1, T. 12 S., R.26 E.,
Chaves County, New Mexico, NMPM.

Description of Proposed Action: Yates Petroleum Corporation is proposing to drill the Grid Iron
BLI Federal Com. #1H gas well on the existing well pad surface location of the
Football BCF Fed. #2H gas well.

Applicant (if any): Yates Petroleum Corporation 025575

B. Land Use Plan (LUP) Conformance

LUP Name: Roswell Resource Management Plan

Date Approved: October 1997

The proposed action is in conformance with the applicable LUP because it is specifically
provided for in the following LUP decisions:

Minerals Management, Fluid Minerals Goal: Provide for the leasing, exploration and
development of oil and gas resources within the Roswell Resource Area.

C. Identify applicable National Environmental Policy Act (NEPA) documents and other related
documents that cover the proposed action.

Other document: RFO EA #: NM-510-08-55

Date Approved: May 2008

D. NEPA Adequacy Criteria

1. Is the new proposed action a feature of, or essentially similar to, an alternative analyzed
in the existing NEPA document(s)? Is the project within the same analysis area, or if the
project location is different, are the geographic and resource conditions sufficiently
similar to those analyzed in the existing NEPA document(s)? If there are differences,
can you explain why they are not substantial?

Yes. The proposed Grid Iron BLI Federal Com. #1H gas well is to be drilled on the same
well pad as the Football BCF Fed. #2H, hence no further surface disturbance will be
taking place. The current resource concerns and circumstances have not changed
significantly since approval of the Football BCF Fed. #2H EA document (RFO EA #: NM-
510-08-55) approved May 2008. The cultural clearances for the Grid Iron BLI Fed Com.
#1H are the archeological reports for the Football BCF Fed. #1 (Report # 03-R-064A,
2003) and the Football BCF Fed. #2 (Report # 08-R-068A, 2008).

2. Is the range of alternatives analyzed in the existing NEPA document(s) appropriate with respect to the new proposed action, given current environmental concerns, interests, and resource values?

Yes. The Football BCF Fed. #2H EA document (RFO EA #: NM-510-08-55) adequately analyzed the environmental concerns, interests, resource values and circumstance related to a proposed drilling of another gas well that may be drilled on the same well pad location with no new surface disturbance taking place. The range of alternatives in the Football BCF Fed. #2H EA document is appropriate for the proposed drilling of the Grid Iron BLI Federal Com. #1H gas well.

3. Is the existing analysis valid in light of any new information or circumstances (such as, rangeland health standard assessment, recent endangered species listings, updated lists of BLM-sensitive species)? Can you reasonably conclude that new information and new circumstances would not substantially change the analysis of the new proposed action?

Yes. The existing analysis of the Football BCF Fed. #2H (RFO EA #: NM-510-08-55) is valid for the proposed Grid Iron BLI Federal Com. #1H gas well, as it is to be drilled on the same well pad surface location as the Football BCF Fed. #2H with no new surface disturbance, and no new information has been revealed or new circumstances occurred since approval of the Football BCF Fed. #2H EA document (RFO EA #: NM-510-08-55) May 2008.

4. Are the direct, indirect, and cumulative effects that would result from implementation of the new proposed action similar (both quantitatively and qualitatively) to those analyzed in the existing NEPA document?

Yes. The existing environmental assessment (RFO EA #: NM-510-08-55) used to analyze the proposed drilling of the Football BCF Fed. #2H gas well was specifically structured and reviewed by the RFO Interdisciplinary Team to evaluate site-specific direct and indirect impacts of drilling multiple gas wells on a single pad location with no new surface disturbance. The cumulative impacts were addressed in the existing Football BCF Fed. #2H EA document (RFO EA #: NM-510-08-55) and adequately re-analyzed by the RFO Interdisciplinary Team and are fundamentally unchanged.

E. Persons/Agencies /BLM Staff Consulted

Refer to the Football BCF Fed. #2H EA document (RFO EA #: NM-510-08-55) and the internal DNA checklist for a complete list of the team members participating in the preparation of the original environmental analysis or planning documents and review of this document.

Conclusion:

Based on the review documented above, I conclude that this proposal conforms to the applicable land use plan and that the NEPA documentation fully covers the proposed action and constitutes BLM's compliance with the requirements of the NEPA. Including the attached amended Conditions of Approval (COA's) for subsurface drilling requirements and location map.

/s/ Brian Novosak

6/12/2008

B A Novosak
Natural Resource Specialist

Date

/s/J H Parman

6/9/2008

J H Parman
NEPA Coordinator

Date

Decision:

The Proposed Action is in conformance with the Roswell Resource Management Plan, as amended, and RFO EA #: NM-510-08-55. This plan has been reviewed to determine if the proposed action conforms to the land-use planning terms and conditions required by 43 CFR 1610.5. This action does not conflict with existing Chaves County land-use planning or zoning.

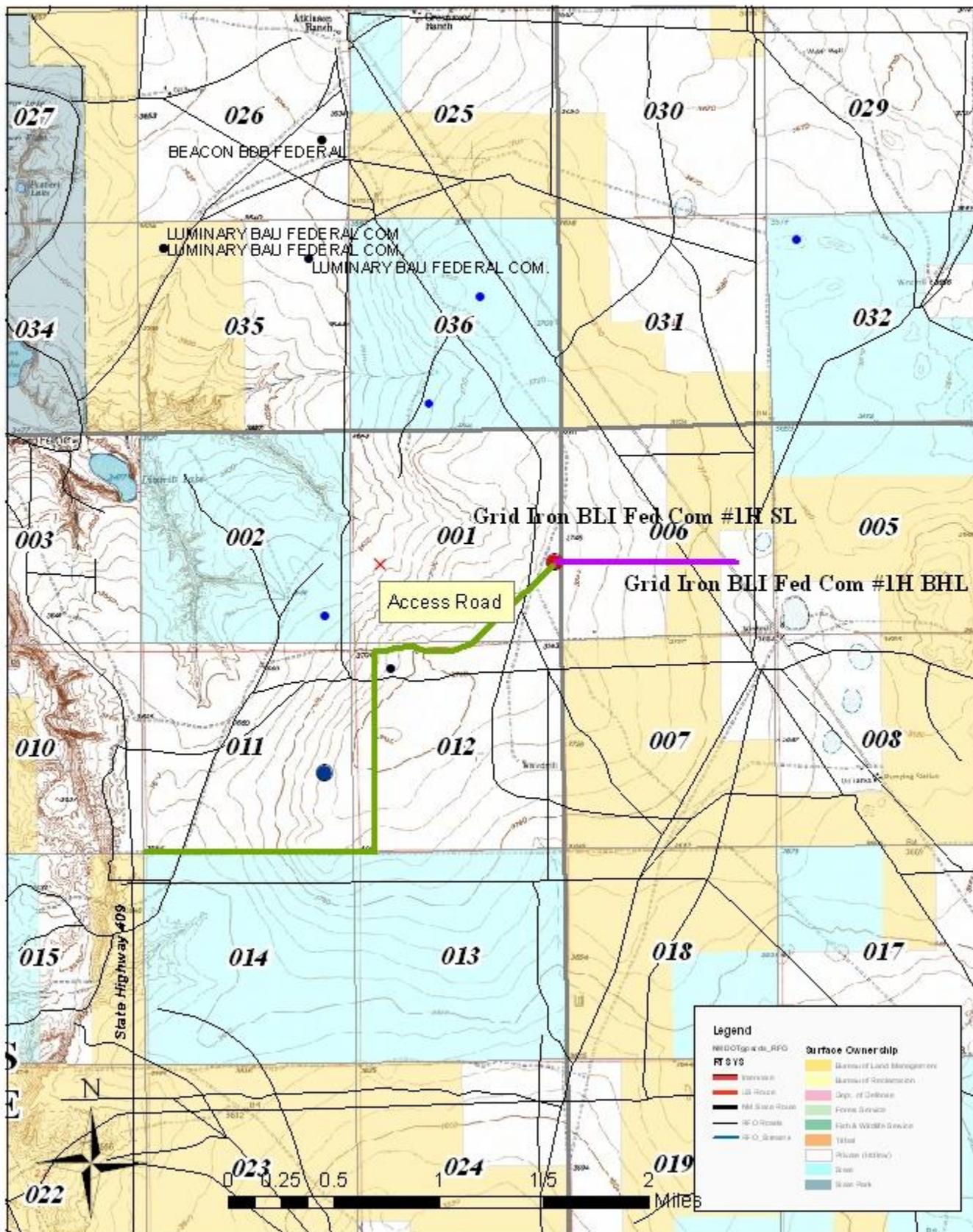
Administrative Review and Appeal: Any party who is adversely affected by the State Director's decision may appeal that decision to the Interior Board of Land Appeals, as provided in 43 CFR 3165.4. You are allowed 15 days from receipt of this notice within which to file an appeal with the Field Manager, Bureau of Land Management, 2909 West 2nd, Roswell, NM 88201. This protest should specify, clearly and concisely, why you think the proposed action is in error.

/s/ Jerry Dutchover

6/12/2008

For Angel Mayes
Assistant Field Manager – Lands & Minerals

Date



PECOS DISTRICT - RFO CONDITIONS OF APPROVAL

OPERATORS NAME: Yates Petroleum Corporation

LEASE NO.: NM-106904

WELL NAME & NO: Grid Iron "BLI" Federal Com. #1H

SURFACE HOLE FOOTAGE: 1980' FSL & 230' FEL Section 1, T. 12 S., R. 26 E., NMPM

BOTTOM HOLE LOCATION: 1900' FSL & 660' FWL Section 6, T. 12 S., R. 27 E., NMPM

COUNTY: Chaves County, New Mexico

GENERAL PROVISIONS

The approval of the Application For Permit To Drill (APD) is in compliance with all applicable laws and regulations: 43 Code of Federal Regulations 3160, the lease terms, Onshore Oil and Gas Orders, Notices To Lessees, New Mexico Oil Conservation Division (NMOCD) Rules, National Historical Preservation Act As Amended, and instructions and orders of the Authorized Officer. Any request for a variance shall be submitted to the Authorized Officer on Form 3160-5, Sundry Notices and Report on Wells.

I. PERMIT EXPIRATION

If the permit terminates prior to drilling and drilling cannot be commenced within 60 days after expiration, an operator is required to submit Form 3160-5, Sundry Notices and Reports on Wells, requesting surface reclamation requirements for any surface disturbance. However, if the operator will be able to initiate drilling within 60 days after the expiration of the permit, the operator must have set the conductor pipe in order to allow for an extension of 60 days beyond the expiration date of the APD (Filing of a Sundry Notice is required for this 60 day extension).

II. ARCHAEOLOGICAL, PALEONTOLOGY & HISTORICAL SITES

Any cultural and/or paleontological resource discovered by the operator or by any person working on the operator's behalf shall immediately report such findings to the Authorized Officer. The operator is fully accountable for the actions of their contractors and subcontractors. The operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery shall be made by the Authorized Officer to determine the appropriate actions that shall be required to prevent the loss of significant cultural or scientific values of the discovery. The operator shall be held responsible for the cost of the proper mitigation measures that the Authorized Officer assesses after consultation with the operator on the evaluation and decisions of the discovery. Any unauthorized collection or disturbance of cultural or paleontological resources may result in a shutdown order by the Authorized Officer.

III. NOXIOUS WEEDS

The operator shall be held responsible if noxious weeds become established within the areas of operations (access road and/or well pad). Weed control shall be required on the disturbed land where noxious weeds exist, which includes the roads, pads, associated pipeline corridor, and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

IV. CONSTRUCTION

A. NOTIFICATION:

The BLM shall administer compliance and monitor construction of the access road and well pad. Notify the Roswell Field Office at (505) 627-0247 at least 3 working days prior to commencing construction of the access road and/or well pad.

When construction operations are being conducted on this well, the operator shall have the approved Application for Permit to Drill and Conditions of Approval on the well site and they shall be made available upon request by the Authorized Officer.

B. TOPSOIL:

The operator shall stockpile the topsoil of the well pad. The topsoil to be stripped is approximately 6 inches in depth. The topsoil shall not be used for interim and final reclamation. The topsoil shall be stockpiled in the southeast corner of the well pad.

C. RESERVE PITS:

A reserve pit shall not be constructed as Yates Petroleum Corporation is using a Closed Loop System. This system must be used in accordance with current NMOCD rules.

D. FEDERAL MINERAL MATERIALS PIT:

If the operator elects to surface the access road and/or well pad, mineral materials extracted during construction of the reserve pit may be used for surfacing the well pad and access road and other facilities on the lease.

Payment shall be made to the BLM prior to removal of any additional federal mineral materials from any site other than the reserve pit. Call the Roswell Field Office at (505) 627-0236.

E. WELL PAD SURFACING:

Surfacing of the well pad is not required.

If the operator elects to surface the well pad, the surfacing material may be required to be removed at the time of reclamation.

The well pad shall be constructed in a manner which creates the smallest possible surface disturbance, consistent with safety and operational need.

F. ON LEASE ACCESS ROADS:

Road Width

The access road shall have a driving surface that creates the smallest possible surface disturbance and does not exceed fourteen (14) feet in width. The maximum width of surface disturbance, when constructing the access road, shall not exceed thirty (30) feet.

Surfacing

Surfacing material is not required on the new access road driving surface. If the operator elects to surface the new access road or pad, the surfacing material may be required to be removed at the time of reclamation.

Where possible, no improvements should be made on the unsurfaced access road other than to remove vegetation as necessary, road irregularities, safety issues, or to fill low areas that may sustain standing water.

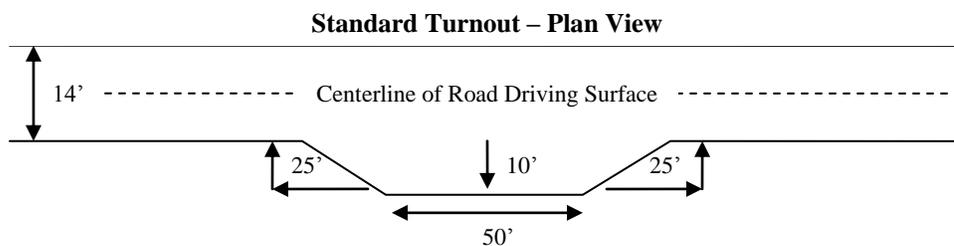
The Authorized Officer reserves the right to require surfacing of any portion of the access road at any time deemed necessary. Surfacing may be required in the event the road deteriorates, erodes, road traffic increases, or it is determined to be beneficial for future field development. The surfacing depth and type of material will be determined at the time of notification.

Crowning

Crowning shall be done on the access road driving surface. The road crown shall have a grade of approximately 2% (i.e., a 1" crown on a 14' wide road). The road shall conform to Figure 1; cross section and plans for typical road construction.

Turnouts

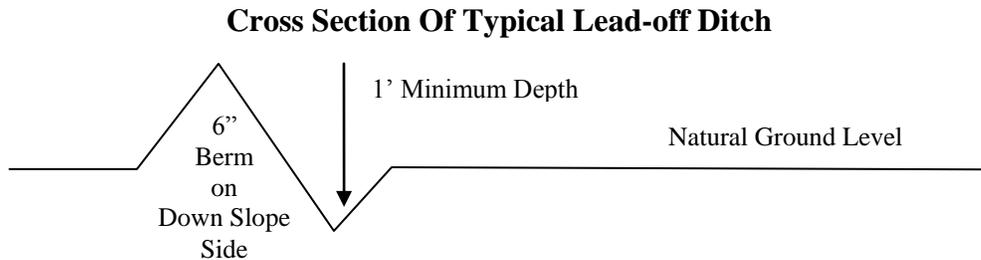
Vehicle turnouts shall be constructed on the road. Turnouts shall be intervisible with interval spacing distance less than 1000 feet. Turnouts shall be constructed on all blind curves. Turnouts shall conform to the following diagram:



Drainage

Drainage control systems shall be constructed on the entire length of road (e.g. ditches, sidehill out-sloping and in-sloping, lead-off ditches, culvert installation, and low water crossings).

A typical lead-off ditch has a minimum depth of 1 foot below and a berm of 6 inches above natural ground level. The berm shall be on the down-slope side of the lead-off ditch.



All lead-off ditches shall be graded to drain water with a 1 percent minimum to 3 percent maximum ditch slope. The spacing interval are variable for lead-off ditches and shall be determined according to the formula for spacing intervals of lead-off ditches, but may be amended depending upon existing soil types and centerline road slope (in %);

Formula For Spacing Interval Of Lead-off Ditches

Example - On a 4% road slope that is 400 feet long, the water flow shall drain water into a lead-off ditch. Spacing interval shall be determined by the following formula:

$$400 \text{ foot road with } 4\% \text{ road slope: } \frac{400'}{4\%} + 100' = 200' \text{ lead-off ditch interval}$$

Cattleguards

A gate and cattleguard will be constructed and installed at the fence crossings in SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 1, T. 12 S., R. 26 E. N.M.P.M., Chaves County, New Mexico.

Any existing cattleguard(s) on the access road shall be repaired or replaced if they are damaged or have deteriorated beyond practical use. The operator shall be responsible for the condition of the existing cattleguard(s) that are in place and are utilized during lease operations.

A gate shall be constructed and fastened securely to H-braces.

Fence Requirement

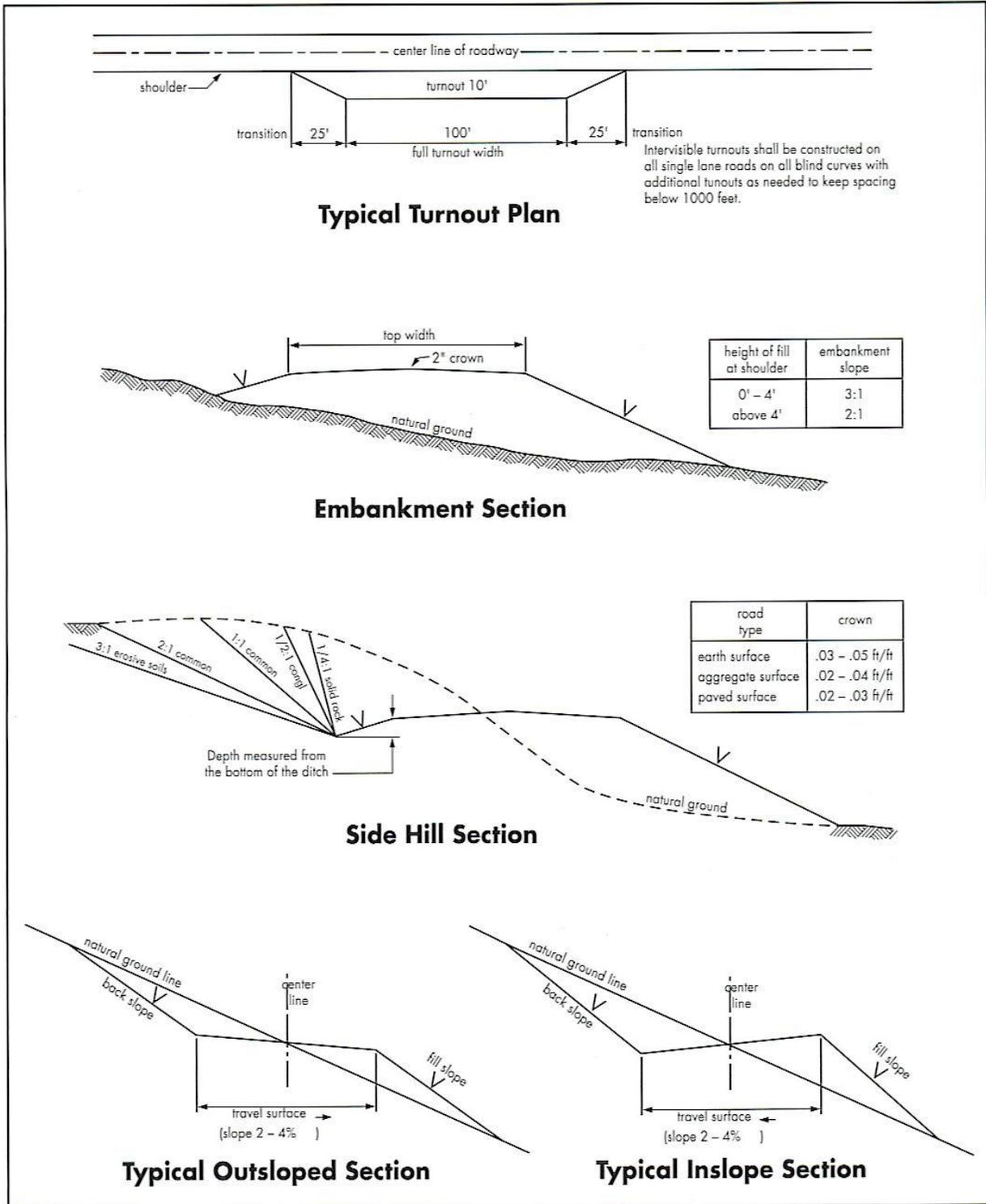
Where entry is required across a fence line, the fence shall be braced and tied off on both sides of the passageway prior to cutting.

The operator shall notify the private surface landowner or the grazing allotment holder prior to crossing any fence(s).

Public Access

Public access on this road shall not be restricted by the operator without specific written approval granted by the Authorized Officer.

Figure 1 – Cross Sections and Plans For Typical Road Sections



V. DRILLING

A. DRILLING OPERATIONS REQUIREMENTS

1. Call the Roswell Field Office, 2909 West Second St., Roswell NM 88201. During office hours call (575) 627-0258. After office hours call (575) 627-0205. Engineer on call phone (after hours): (575) 626-5749.

2. The Roswell Field Office is to be notified a minimum of 4 hours in advance for a representative to witness:

a. Spudding

b. Cementing casing: 13-3/8 inch 8-5/8 inch 5-1/2 inch

3. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

4. Include the API No. assigned to well by NMOCD on the subsequent report of setting the first casing string.

5. A Communitization Agreement covering the acreage dedicated to this well must be filed for approval with the BLM. The effective date of the agreement shall be prior to any sales.

B. CASING:

1. The 13-3/8 inch surface casing shall be set at approximately 1100 feet and cemented to the surface.

a. If cement does not circulate to the surface, the Roswell Field Office shall be notified and a temperature survey utilizing an electronic type temperature survey with a surface log readout will be used or a cement bond log shall be run to verify the top of the cement.

b. Wait on cement (WOC) time for a primary cement job will be a minimum 18 hours for a water basin or 500 pounds compression strength, whichever is greater. (This is to include the lead cement).

c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compression strength, whichever is greater.

d. If cement falls back, remedial action will be done prior to drilling out that string.

2. The minimum required fill of cement behind the 8-5/8 inch intermediate casing is sufficient to circulate to the surface. If cement does not circulate see B.1.a-d above.

3. The minimum required fill of cement behind the 5-1/2 inch production casing is sufficient to tie back 500 feet above the uppermost perforation in the pay zone. If cement does not circulate, a temperature survey utilizing an electronic type temperature survey with a surface log readout will be used or a cement bond log shall be run to verify the top of the cement.

4. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

C. PRESSURE CONTROL:

1. Before drilling below the 13-3/8 inch surface casing shoe, the blowout preventer assembly shall consist of a minimum of One Annular Preventer or Two Ram-Type Preventers and a Kelly Cock/Stabbing Valve.

2. Before drilling below the 13-3/8 inch surface casing shoe, minimum working pressure of the blowout preventer and related equipment (BOPE) shall be 2000 psi.

3. The BOPE shall be installed before drilling below the 13-3/8 inch surface casing and shall be tested as described in Onshore Order No. 2. Any equipment failing to test satisfactorily shall be repaired or replaced.

a. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.

b. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the BLM Roswell Field Office at 2909 West Second Street, Roswell, New Mexico 88201.

c. Testing fluid must be water or an appropriate clear liquid suitable for sub-freezing temperatures. Use of drilling mud for testing is not permitted since it can mask small leaks.

d. Testing must be done in a safe workman like manner. Hard line connections shall be required.

VI. PRODUCTION

A. WELL STRUCTURES & FACILITIES

Placement of Production Facilities

Production facilities should be placed on the well pad to allow for maximum interim recontouring and revegetation of the well location.

Containment Structures

The containment structure shall be constructed to hold the capacity of the entire contents of the largest tank, plus 24 hour production, unless more stringent protective requirements are deemed necessary by the Authorized Officer.

Painting Requirement

All above-ground structures including meter housing that are not subject to safety requirements shall be painted a flat non-reflective paint color, Olive Drab, Munsell Soil Color Chart 18-0622 TPX.

VRM Facility Requirement

Low-profile tanks not greater than eight-feet-high shall be used.

VII. INTERIM RECLAMATION & RESERVE PIT CLOSURE

A. INTERIM RECLAMATION

If the well is a producer, interim reclamation shall be conducted on the well site in accordance with the orders of the Authorized Officer. The operator shall submit a Sundry Notices and Reports on Wells (Notice of Intent), Form 3160-5, prior to conducting interim reclamation.

During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses.

During reclamation, the removal of caliche is important to increasing the success of revegetating the site. Removed caliche may be used in road repairs, fire walls or for building other roads and locations. In addition, in order to operate the well or complete workover operations, it may be necessary to drive, park and operate on restored interim vegetation within the previously disturbed area. Disturbing revegetated areas for production or workover operations will be allowed. If there is significant disturbance and loss of vegetation, the area will need to be revegetated. Communicate with the appropriate BLM office for any exceptions/exemptions if needed.

B. RESERVE PIT CLOSURE

At the time reserve pits are to be reclaimed, operators should work with BLM surface management specialists to devise the best strategies to reduce the size of the location. Operators are required to comply with current NMOCD rules. Any reductions should allow for remedial well operations, as well as safe and efficient removal of oil and gas.

The reserve pit, when dried and closed, shall be recontoured, all trash removed, and reseeded as follows:

SEED MIXTURE

Common Name and Preferred Variety	Scientific Name	Pounds of Pure Live Seed per Acre
Blue grama	<i>(Bouteloua gracilis)</i>	4.0
Sideoats grama	<i>(Bouteloua curtipendula)</i>	1.0
Sand dropseed	<i>(Sporobolus cryptandrus)</i>	0.5
Vine mesquite	<i>(Panicum obtusum)</i>	1.0
Plains bristlegrass	<i>(Setaria macrostachya)</i>	1.0
Indian blanketflower	<i>(Gaillardia aristata)</i>	0.5
Desert or Scarlet	<i>(Sphaeralcea ambigua)</i>	1.0
Globemallow	or <i>(S. coccinea)</i>	
Annual sunflower	<i>(Helianthus annuus)</i>	0.75
TOTAL POUNDS PURE LIVE SEED (pls) PER ACRE		9.75

Seed must be Certified Weed Free

If one species is not available, increase ALL others proportionately.

Use No Less than 4 species, including one forb.

No less than 9.75 pounds pls per acre shall be applied.

VIII. FINAL ABANDONMENT & REHABILITATION REQUIREMENTS

a. Upon abandonment of the well and/or when the access road is no longer in service, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval. On private surface/federal mineral estate land the reclamation procedures on the road and well pad shall be accomplished in accordance with the Private Surface Land Owner agreements.

b. Upon abandonment of the well, all casing shall be cut-off at the base of the cellar or 3-feet below final restored ground level (whichever is deeper). A 4-inch pipe, 10 feet in length, shall be installed 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).